



PCT10

RAW SEQUENCE LISTING

DATE: 08/06/2002

PATENT APPLICATION: US/10/018,786

TIME: 09:47:28

Input Set : A:\022701-966.ST25.txt

Output Set: N:\CRF3\08062002\J018786.raw

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3 <110> APPLICANT: Pierrard, Jerome
4     Simon, Jean-Luc
5     Chevallereau, Paule
7 <120> TITLE OF INVENTION: Avirulent Xanthomonas-Campestris Strains Producing Xanthan
9 <130> FILE REFERENCE: 022701-966
11 <140> CURRENT APPLICATION NUMBER: US 10/018,786
12 <141> CURRENT FILING DATE: 2001-12-21
14 <150> PRIOR APPLICATION NUMBER: PCT/FR00/01725
15 <151> PRIOR FILING DATE: 2000-06-21
17 <150> PRIOR APPLICATION NUMBER: FR 99/07963
18 <151> PRIOR FILING DATE: 1999-06-22
20 <160> NUMBER OF SEQ ID NOS: 7
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49 <213> ORGANISM: Xanthomonas campestris
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54 gcgatcctgt cggtaggcga tgcgatggtg tcgcagatcg cctcgctgct gatctcggtg 180
55 gcggccggcg tcatgatcac ccgcgtcgcc aacgagaatg aaaccaagat cagctcgctc 240
56 gggctcgaca tcggccgcca gtcaccagc aacgcacgtg ccttgatggc agcgagtgtg 300
57 ctgctggcct gctttgcgtt cgtgccggga tttccggcgc tgcgttgcct gctgctggca 360
58 gcggcggtcg gtgccggggg ctatacgatc tggcgcaagc aacgcgacac cagcgggagc 420
59 gatcagcccg cactgccatc aaccagccgc aaaggtgcca aaggcgatgc gccgcacatc 480
60 cgcaagagcg ccccgattt cgctcgccc ttgtcgatgc ggctttcgcc gcaactggct 540

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61 gcacggctcg acccggecgt gctggatcag gcgatcgaaa gcgagcggag gcaattggtc 600
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63 ctgcagtacg aagtgttgat ccacgatgtg ccggaacccc gcagcgcgtt gagcgatacg 720
64 gcggacatgc agaaagcgtt ggcccaacaa gccatcgcac cgttgcatgc acgcgcgcac 780
65 ctgttcgtcg gcatccagga gacgcagtgg atgctggaac aggtggggcg ggactatccc 840
66 gggctggttg cagaggtcaa caaggccatg ccagcccaac gcatcgccga tgtgttgccg 900
67 cgactgctgg aagaacgcac cccggtgcgc aacatcaaga gcatcctgga gagcctggtg 960
68 gtgtggggag cgaaggaaaa ggatctgctg atgctgaccg agtatgtgcg ctgcgatctc 1020
69 ggccgctatc ttgcgcacac cgcgaccgca ggcaccggac agctgcctgc ggtgatgctc 1080
70 gaccacgccg tggaaacagt gatccggcag tcgattcgcg ccacaccggc cggcaatttc 1140
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104 tccgccagcc aatccatcac cacctggatt tcaccggagg tgaccggcac gctcagtggc 240
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106 tggatttacg atggctcggg gctcagaatc tggggcgcga acgagaccaa gaatgcgacc 360
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113 cgtgtgcaac cgatcggcgg tggctcgtcc aataccttcg gcaacagcgg tcagcgccag 780
114 agtggcgcca gcggcattct cggtttgctt gcgtcgtggt tcggcgctgg gtcgccgtcc 840
115 gagcggggtg cggtcagtcc gccgttgccg ggcagtggca atagcgccaa tgcgccggcc 900
116 agcgtgtggc cggagatgag ccaggccaga cgcgatgcgc cgctggcggg ggacgccggc 960
117 agcggcggtg agctggcatc cgacgcgcgc gtgatcgaag ccgacccgcg caccaacggc 1020

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118 atttctcattc gcgaccgccc cgagcggatg gccgcctatg gcacgttgat ccagcagctc 1080
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120 ctgcaggatc tcggcgtgga ctggcggttc cacagccggc gtgtggatgt gcagaccggc 1200
121 gacgggctg gtggccagct tggctacgat ggcagcttga gcggtgcagc agccgcccgt 1260
122 gcagccgccc cgttgggcgg gacgttgacc gctgtcctgg gcgatgcagg gcgttacctg 1320
123 atgacgcgcg tctcggcgct cgagcagacc aacaaggcca agatcgtctc caccgcccag 1380
124 gtggcgacgc tggacaacgt ggaagcgggtg atggaccaca agcaacaggc attcgtgcgt 1440
125 gtcagcgggt atgcatccgc cgacctctac aacctgtccg cgggtgtatc gctacgcgta 1500
126 ttgccaagtg tggcgccggg gtcgccaaat ggtcagatgc gcctggatgt gcgtatcgaa 1560
127 gacgggcagt tgggcgccc taccgtcgat ggcattcccg tcatcacctc cagcgagatc 1620
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129 accgatcaga cagatctgaa caacgtcccc gggctgtcca ggattccatt ggtcggcaac 1740
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131 catatcgtct cgccctga                                     1818
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141 tgcgcgcagg cgttggcgga cgcgagacg cgtgcgcagg cgtgctcga cgtgcccga 180
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